

# 石油实验地质

## 第40卷第3期 2018年5月

### 目次

#### 盆地·油藏

下扬子区中新生代沿江盆地群的盆地结构与沉积特征 ..... 徐 曦,朱晓颖,单希鹏,肖梦楚,孙连浦,高顺莉(303)

下扬子地区中上二叠统页岩有机孔发育特征 ... 曹涛涛,邓 模,罗厚勇,刘 虎,刘光祥,HURSTHOUSE Andrew Stefan(315)

苏北盆地溱潼凹陷浅成侵入岩接触变质带储层特征及控制因素 ... 吴 峻,陈孔全,张 锋,沈均均,刘金帅,谭 静(323)

北部湾盆地涠西南凹陷涠洲组二段油气成藏特征分析 ..... 邹明生,曾小明,吴碧波,王 彬,黄冬梅,高 凌(330)

四川盆地平桥地区五峰—龙马溪组页岩微观孔隙特征研究 ..... 王运海(337)

松辽盆地梨树断陷东南斜坡带营城—沙河子组储层特征及主控因素 ..... 韩志艳,周卓明,杨 昊,宋振响(345)

塔里木盆地顺托果勒低隆起一间房组分布及地质意义 ..... 尚 凯,吕海涛,曹自成,韩 俊,龚 伟,黄 诚(353)

鄂尔多斯盆地马岭油田长<sub>8</sub>储层不同流动单元可动流体赋存特征及其影响因素 .....  
..... 黎 盼,孙 卫,闫 健,高永利,折文旭,杜 璠(362)

南大西洋两岸含盐盆地类型与油气分布规律 ..... 刘静静,邹长武,丁 峰(372)

#### 油气地球化学

复合油藏形成中的蒸发分馏与生物降解联合控制作用——以渤海海域秦皇岛 29-2 油田为例 .....  
..... 牛成民,王飞龙,汤国民,燕 歌,赵国祥(381)

页岩中丙烷的降解特征及对页岩气组成的影响 ..... 徐建兵,梁允干,邓 倩,程 斌,廖泽文(389)

松辽盆地南部九佛堂组烃源岩特征及与油气富集的关系 ..... 程 建,段铁军,向 洪,宋在超,韦庆亮(397)

桦甸盆地桦甸组油页岩成烃生物组成及生烃潜力 ..... 王 勤,谢小敏,腾格尔,芮晓庆,许 锦(403)

渤海湾盆地辽西凸起北段锦州 20 油田原油地球化学特征及油源对比 ..... 田德瑞,吴 奎,张如才,潘文静,王 鑫(410)

#### 方法·技术

祁连山冻土区天然气水合物中轻烃分析方法及应用 ..... 张 敏,何 瑜,陈祖林,龚建明(418)

油气运移表征参数优选及运移方式判识 ..... 刘 华,景 琛,刘雅利,袁飞飞,卢 浩(424)

碳酸盐岩缝洞型油藏缝洞单元储量精细分类评价 ..... 刘 遥,荣元帅,杨 敏(431)

潜山复杂断裂描述技术——以渤海湾盆地济阳拗陷桩海地区为例 ..... 吴笑荷(439)

Waxman-Smits 模型关键参数修正及解释应用——以苏北盆地高邮凹陷沙花瓦地区为例 ..... 蒋阿明,李秋政(448)

鄂尔多斯盆地山西组低成熟度页岩生烃热模拟 ..... 高栋臣,郭 超,姜呈馥,张丽霞,王 晖,史 鹏,陈奕奕(454)

#### 综合信息

“鄂尔多斯盆地南缘构造特征及演化学术研讨会”在西北大学成功召开 ..... (460)

中石化无锡石油地质研究所实验地质技术之新型物理构造模拟装置 ..... (封二)

《石油实验地质》征稿简则 ..... (封三)

## CONTENTS

- Structure and sedimentary characteristics of the Meso-Cenozoic basin group along the Yangtze River in the Lower Yangtze region ..... *XU Xi, ZHU Xiaoying, SHAN Xipeng, XIAO Mengchu, SUN Lianpu, GAO Shunli* (303)
- Characteristics of organic pores in Middle and Upper Permian shale in the Lower Yangtze region ..... *CAO Taotao, DENG Mo, LUO Houyong, LIU Hu, LIU Guangxiang, HURSTHOUSE Andrew Stefan* (315)
- Reservoir characteristics and controlling factors in the contact metamorphic zone of hypabyssal intrusive rocks in the Qintong Sag, Northern Jiangsu Basin ..... *WU Jun, CHEN Kongquan, ZHANG Feng, SHEN Junjun, LIU Jinshuai, TAN Jing* (323)
- Hydrocarbon accumulation characteristics of the 2nd member of Weizhou Formation in the Weixinan Sag, Beibu Gulf Basin ..... *ZOU Mingsheng, ZENG Xiaoming, WU Bibo, WANG Bin, HUANG Dongmei, GAO Ling* (330)
- Micro-pore characteristics of shale from Wufeng-Longmaxi formations in Pingqiao area, Sichuan Basin ..... *WANG Yunhai* (337)
- Reservoir characteristics and main controlling factors of Yingcheng-Shahezi formations in southeast ramp region of Lishu Fault Depression, Songliao Basin ..... *HAN Zhiyan, ZHOU Zhuoming, YANG Hao, SONG Zhenxiang* (345)
- Distribution and significance of Middle Ordovician Yijianfang Formation in Shuntuoguole lower uplift, Tarim Basin ..... *SHANG Kai, LÜ Haitao, CAO Zicheng, HAN Jun, GONG Wei, HUANG Cheng* (353)
- Characteristics of movable fluids and controlling factors in different flow units of Chang 8<sub>1</sub> reservoir in Maling oil field, Ordos Basin ..... *LI Pan, SUN Wei, YAN Jian, GAO Yongli, ZHE Wenxu, DU Kun* (362)
- Basin types and hydrocarbon distribution in salt basins in the South Atlantic ..... *LIU Jingjing, WU Changwu, DING Feng* (372)
- Evaporative fractionation and biodegradation impacts on a complex petroleum system: QHD29-2 oil field, Bohai Sea area ..... *NIU Chengmin, WANG Feilong, TANG Guomin, YAN Ge, ZHAO Guoxiang* (381)
- Degradation characteristics of propane in shale rocks and its implication to shale gas composition ..... *XU Jianbing, LIANG Yungan, DENG Qian, CHENG Bin, LIAO Zewen* (389)
- Characteristics of Jiufotang source rock and its relationship to hydrocarbon enrichment, southern Songliao Basin ..... *CHENG Jian, DUAN Tiejun, XIANG Hong, SONG Zaichao, WEI Qingliang* (397)
- Bio-precursor characterization and hydrocarbon generation potential of shale in Eocene Huadian Formation, Huadian Basin ..... *WANG Qin, XIE Xiaomin, TENGGER Boltsjin, RUI Xiaoqing, XU Jin* (403)
- Geochemical features and oil-source correlation of crude oils from JZ20 oil field on the northern margin of Liaoxi Uplift, Bohai Bay Basin ..... *TIAN Derui, WU Kui, ZHANG Rucai, PAN Wenjing, WANG Xin* (410)
- Analysis method and geological significance of C<sub>5</sub>-C<sub>7</sub> light hydrocarbons in natural gas hydrate in permafrost, Qilian Mountain ..... *ZHANG Min, HE Yu, CHEN Zulin, GONG Jianming* (418)
- Optimization of hydrocarbon migration parameters and identification of migration pattern ..... *LIU Hua, JING Chen, LIU Yali, YUAN Feifei, LU Hao* (424)
- Detailed classification and evaluation of reserves in fracture-cavity units for carbonate fracture-cavity reservoirs ..... *LIU Yao, RONG Yuanshuai, YANG Min* (431)
- Complex fault interpretation of buried hills: A case study of Zhuanghai region in Jiyang Depression, Bohai Bay Basin ..... *WU Xiaohe* (439)
- Correction and interpretation application of key parameters of Waxman-Smiths model: A case study of SHW area in North Jiangsu Basin ..... *JIANG Aming, LI Qiuzheng* (448)
- Hydrocarbon generation simulation of low-maturity shale in Shanxi Formation, Ordos Basin ..... *GAO Dongchen, GUO Chao, JIANG Chengfu, ZHANG Lixia, WANG Hui, SHI Peng, CHEN Yiyi* (454)